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(54) RETAINER FOR ROLLER BEARING

(57) Abstract:

PROBLEM TO BE SOLVED: To prevent seizure caused by deformation of the outer peripheral form during the operation of a split retainer in a roller bearing having a two- split retainer.

SOLUTION: In a roller bearing 1 in which this retainer 3 for rotatably retaining the respective rollers 2 at a designated space is split into two parts like a semicircular arc to be annular as a whole, the outer peripheral form of the retainer 3 is gradually decreased in outside diameter as it approaches a split area near the split area between two split parts 3a, 3b to be formed a little elliptical as a whole, and the metal surface of the thus formed retainer 3 is coated to reduce frictional resistance.

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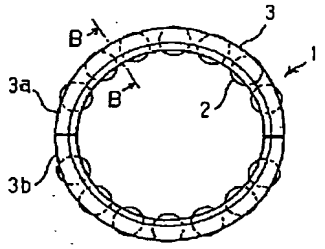
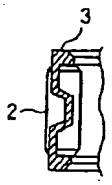


(A)



(B)